

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/001134

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/37 G01N33/574 G01N33/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SAUTER EDWARD R ET AL: "Association of kallikrein expression in nipple aspirate fluid with breast cancer risk." INTERNATIONAL JOURNAL OF CANCER, vol. 108, no. 4, 10 February 2004 (2004-02-10), pages 588-591, XP002326133 ISSN: 0020-7136 the whole document	1-26
X	WO 00/13509 A (MERCK & CO., INC; STONER, ELIZABETH; WALDSTREICHER, JOANNE; WANG, DANI) 16 March 2000 (2000-03-16) claims 1,2	1-26

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

11 May 2005

Date of mailing of the international search report

23/05/2005

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PCT/EP2005/001134

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97/37035 A (DIAGNOSTIC SYSTEMS LABORATORIES, INC) 9 October 1997 (1997-10-09) claims 13,24	1-26
X	KUBOTA YOKO ET AL: "Serum levels of free and total prostate-specific antigen in males with liver cirrhosis" EUROPEAN UROLOGY, vol. 36, no. 5, November 1999 (1999-11), pages 409-412, XP009047145 ISSN: 0302-2838 the whole document	1-26
X	YAMAMOTO M ET AL: "RAISED PROSTATE-SPECIFIC ANTIGEN IN ADENOCARCINOMA OF THE COLON" INTERNATIONAL UROLOGY AND NEPHROLOGY, AKADEMIKI, BUDAPEST, HU, vol. 29, no. 2, 1997, pages 221-225, XP000889898 ISSN: 0301-1623 the whole document	1-26
X	US 2002/061300 A1 (IMMUNOLYTICS INC.) 23 May 2002 (2002-05-23) claims 24,25	1-26
X	WO 03/073828 A (APPLIED IMMUNE TECHNOLOGIES; GELIEBTER, JAN) 12 September 2003 (2003-09-12) claim 1	1-26
X	WO 02/26777 A (LICENTIA LTD; STENMAN, ULF - HAAKAN; KOIVUNEN, ERKKI; LEINONEN, JARI;) 4 April 2002 (2002-04-04) claims 28,31	1-26

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 26 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/001134

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0013509	A	16-03-2000	AU 6137399 A WO 0013509 A1 US 2003069264 A1	27-03-2000 16-03-2000 10-04-2003
WO 9737035	A	09-10-1997	US 5935775 A AU 2431897 A WO 9737035 A1	10-08-1999 22-10-1997 09-10-1997
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WO 0226777	A	04-04-2002	FI 20002159 A AU 9389301 A CA 2423966 A1 EP 1332152 A1 WO 0226777 A1 JP 2004509976 T US 2004106557 A1	30-03-2002 08-04-2002 04-04-2002 06-08-2003 04-04-2002 02-04-2004 03-06-2004